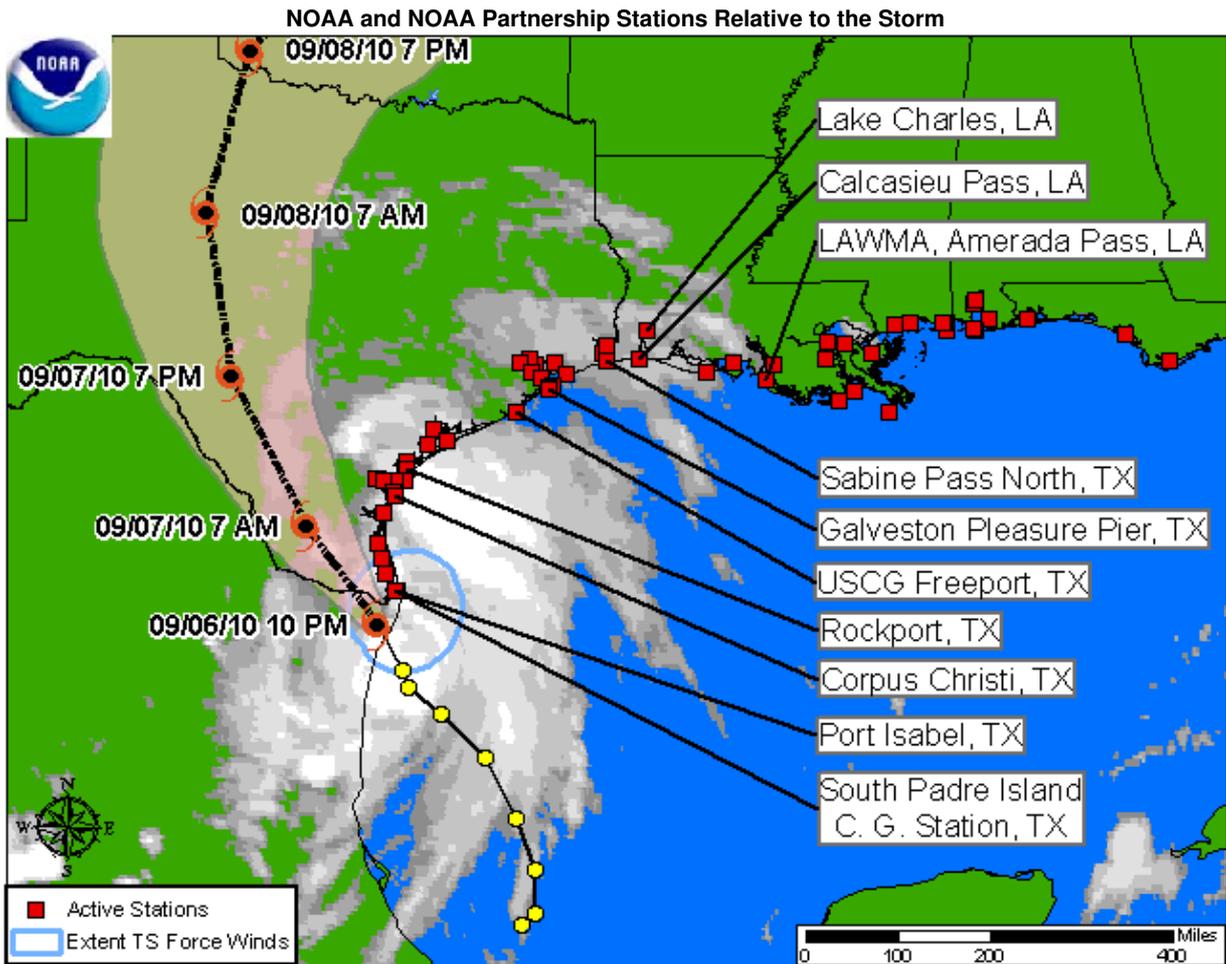




Tropical Storm HERMINE QuickLook
Posted: 23:00 CDT 09/06/2010



Storm Analysis

As of 09/06/2010 23:00 CDT, water levels from southern Texas to central Louisiana are rising and range from roughly 1.0 to 2.4 feet above predicted. Wind speeds generally range from 10 to 32 knots with some gusts over 42 knots recorded at Corpus Christi, TX and gusts over 37 knots recorded at Galveston Pleasure Pier and Rockport, TX. Barometric pressure is gradually falling at Port Isabel, TX but is level or rising slightly at the remaining stations.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tides are 1.34 ft (0.41 m) at 09/07/2010 04:46 CDT and 1.43 ft (0.44 m) at 09/07/2010 14:35 CDT.

South Padre, TX: Next predicted high tides are 1.17 ft (0.36 m) at 09/07/2010 04:30 CDT and 1.34 ft (0.41 m) at 09/07/2010 14:05 CDT.

Corpus Christi, TX: Next predicted high tides are 1.67 ft (0.51 m) at 09/07/2010 03:58 CDT and 1.72 ft (0.53 m) at 09/07/2010 13:49 CDT.

Rockport, TX: Next predicted high tides are 0.45 ft (0.14 m) at 09/07/2010 15:32 CDT and 0.37 ft (0.11 m) at 09/08/2010 07:29 CDT.

USCG Freeport, TX: Next predicted high tides are 1.77 ft (0.54 m) at 09/07/2010 04:00 CDT and 1.70 ft (0.52 m) at 09/07/2010 14:29 CDT.

Galveston Pleasure Pier, TX: Next predicted high tides are 2.28 ft (0.70 m) at 09/07/2010 03:46 CDT and 2.14 ft (0.65 m) at 09/07/2010 14:46 CDT.

Sabine Pass North, TX: Next predicted high tides are 1.81 ft (0.55 m) at 09/07/2010 03:47 CDT and 1.91 ft (0.58 m) at 09/07/2010 14:56 CDT.

Calcasieu Pass, LA: Next predicted high tides are 2.19 ft (0.67 m) at 09/07/2010 03:07 CDT and 2.22 ft (0.68 m) at 09/07/2010 13:57 CDT.

Lake Charles, LA: Next predicted high tides are 1.14 ft (0.35 m) at 09/07/2010 08:31 CDT and 1.17 ft (0.36 m) at 09/07/2010 19:32 CDT.

LAWMA Amerada Pass, LA: Next predicted high tides are 1.37 ft (0.42 m) at 09/07/2010 04:26 CDT and 1.41 ft (0.43 m) at 09/07/2010 15:18 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst:MPM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM HERMINE ADVISORY NUMBER 5

1000 PM CDT MON SEP 06 2010

...HERMINE MADE LANDFALL AS A STRONG TROPICAL STORM...PRODUCING HEAVY RAINS OVER NORTHEASTERN MEXICO AND SOUTH TEXAS...

AT 1000 PM CDT THE CENTER OF TROPICAL STORM HERMINE WAS LOCATED NEAR LATITUDE 25.5 NORTH...LONGITUDE 97.5 WEST ABOUT 30 MI...45 KM S OF BROWNSVILLE

TEXAS, ABOUT 120 MI...190 KM N OF LA PESCA MEXICO

WATCHES AND WARNINGS

A TROPICAL STORM WARNING IS IN EFFECT FOR..TEXAS/MEXICO BORDER NORTHWARD TO PORT OCONNOR TEXAS

DISCUSSION AND 48-HOUR OUTLOOK

AT 1000 PM CDT THE CENTER OF TROPICAL STORM HERMINE WAS LOCATED NEAR LATITUDE 25.5 NORTH...LONGITUDE 97.5 WEST ABOUT 30 MI...45 KM S OF BROWNSVILLE TEXAS, ABOUT 120 MI...190 KM N OF LA PESCA MEXICO. HERMINE IS MOVING TOWARD THE NORTH-NORTHWEST NEAR 14 MPH. A GRADUAL TURN TOWARD THE NORTH AND NORTHEAST IS EXPECTED OVER THE NEXT COUPLE OF DAYS. ON THE FORECAST TRACK...HERMINE WILL CONTINUE TO MOVE INLAND OVER NORTHEASTERN MEXICO TONIGHT...AND MOVE INTO SOUTHERN TEXAS ON TUESDAY AND INTO CENTRAL TEXAS EARLY ON WEDNESDAY.

MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 60 MPH WITH HIGHER GUSTS. ADDITIONAL WEAKENING IS FORECAST AND HERMINE IS EXPECTED TO WEAKEN INTO A TROPICAL DEPRESSION BY TUESDAY AFTERNOON.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES MAINLY TO THE NORTHEAST OF THE CENTER. A NATIONAL OCEAN SERVICE OBSERVING SITE IN MALAQUITE BEACH TEXAS RECENTLY REPORTED A SUSTAINED WIND OF 41 MPH AND A PEAK GUST TO 47 MPH.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 991 MB...29.26 INCHES.

HAZARDS AFFECTING LAND

STORM SURGE...STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 2 TO 4 FEET ABOVE GROUND LEVEL ALONG THE IMMEDIATE COAST NEAR AND TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.

RAINFALL...HERMINE IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 4 TO 8 INCHES OVER NORTHEASTERN MEXICO...AND FROM SOUTHERN INTO NORTH CENTRAL TEXAS WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES POSSIBLE. THESE RAINS COULD CAUSE LIFE-THREATENING FLASH FLOODS.

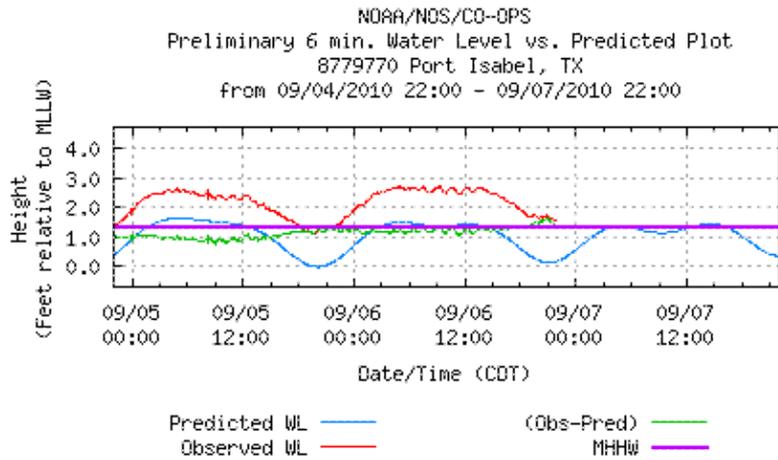
TORNADOES...ISOLATED TORNADOES ARE POSSIBLE ALONG THE LOWER AND MIDDLE TEXAS COAST THROUGH TUESDAY MORNING.

FORECASTER BLAKE/BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

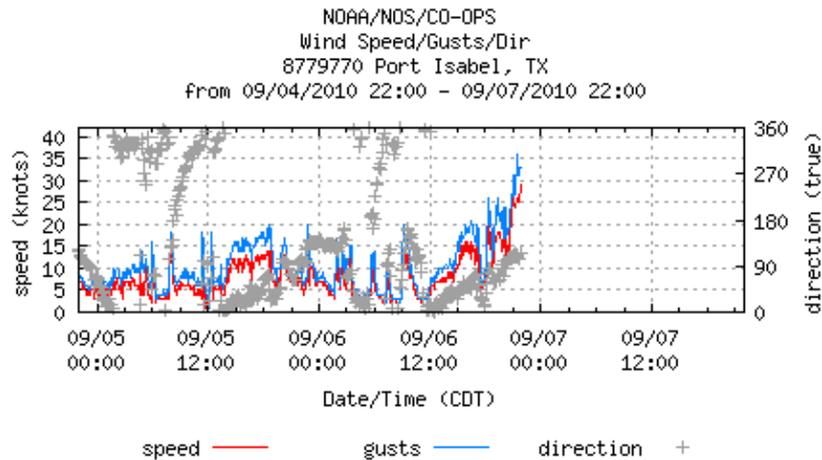
Jump to: [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [South Padre Island C.G Station - Water Level](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Lake Charles - Water Level](#), [Lake Charles - Barometric](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Winds](#),

Port Isabel, TX - [Return to List](#)



Last Observed Sample: 09/06/2010 21:48 (CDT)
 Relative to **MLLW**: **Observed: 1.53 ft. Predicted: 0.14 ft. Residual: 1.39 ft.**
 Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above **MHHW**

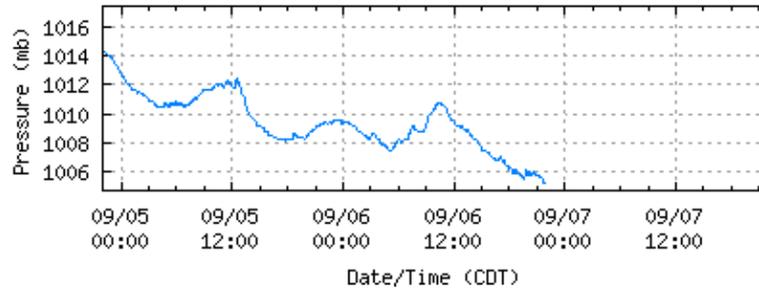
Port Isabel, TX - [Return to List](#)



Last Observed Sample: 09/06/2010 21:48 (CDT)
Wind Speed: 29 knots Gusts: 33 knots Direction: 114° T

Port Isabel, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8779770 Port Isabel, TX
from 09/04/2010 22:00 - 09/07/2010 22:00



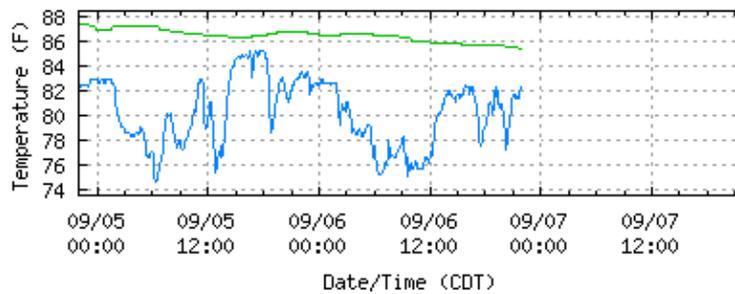
barometric pressure —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Barometric Pressure: 1005.2 mb

Port Isabel, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8779770 Port Isabel, TX
from 09/04/2010 22:00 - 09/07/2010 22:00

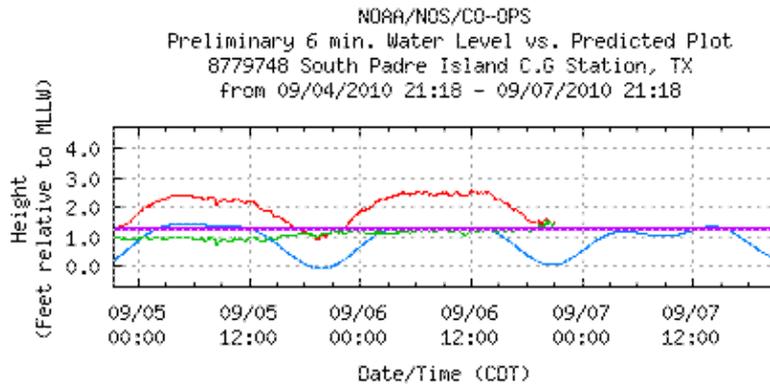


water temp. — air temp. —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Water Temperature: 85.3° F Air Temperature: 82.2° F

South Padre Island C.G Station, TX - [Return to List](#)



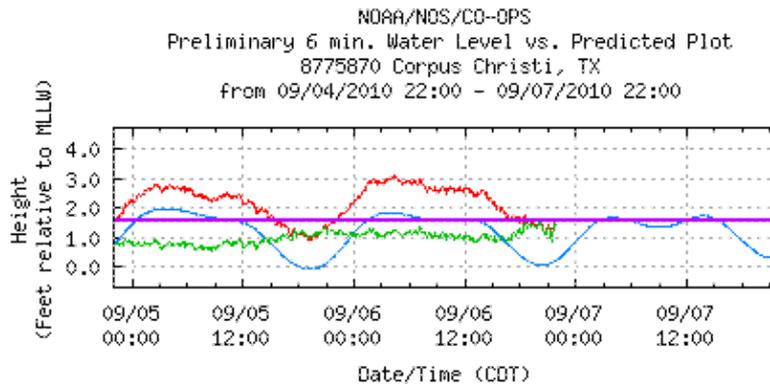
Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 09/06/2010 20:54 (CDT)

Relative to **MLLW**: **Observed: 1.48 ft. Predicted: 0.04 ft. Residual: 1.44 ft.**

Historical Maximum Water Level: , 0 ft. above **MHHW**

Corpus Christi, TX - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

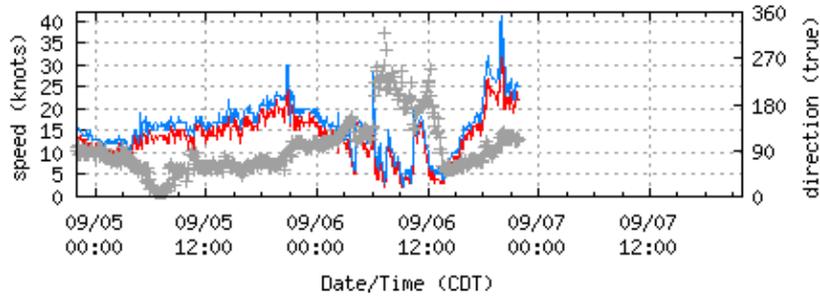
Last Observed Sample: 09/06/2010 21:48 (CDT)

Relative to **MLLW**: **Observed: 1.63 ft. Predicted: 0.19 ft. Residual: 1.44 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above **MHHW**

Corpus Christi, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Wind Speed/Gusts/Dir
8775870 Corpus Christi, TX
from 09/04/2010 22:00 - 09/07/2010 22:00



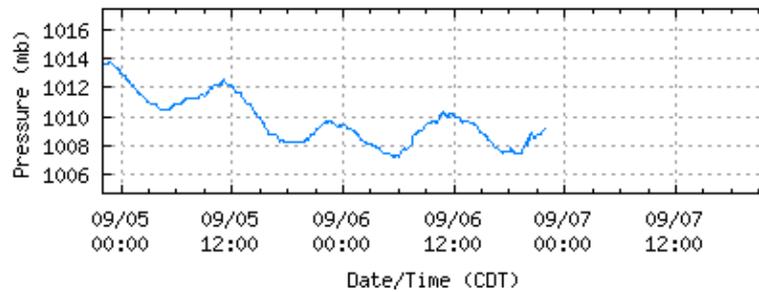
speed — gusts — direction +

Last Observed Sample: 09/06/2010 21:48 (CDT)

Wind Speed: 22 knots Gusts: 25 knots Direction: 112° T

Corpus Christi, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8775870 Corpus Christi, TX
from 09/04/2010 22:00 - 09/07/2010 22:00



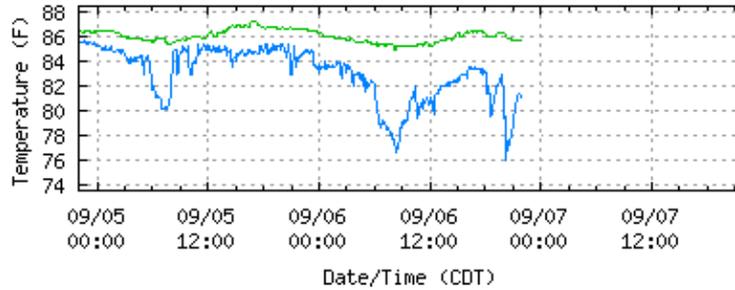
barometric pressure —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Barometric Pressure: 1009.2 mb

Corpus Christi, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8775870 Corpus Christi, TX
from 09/04/2010 22:00 - 09/07/2010 22:00



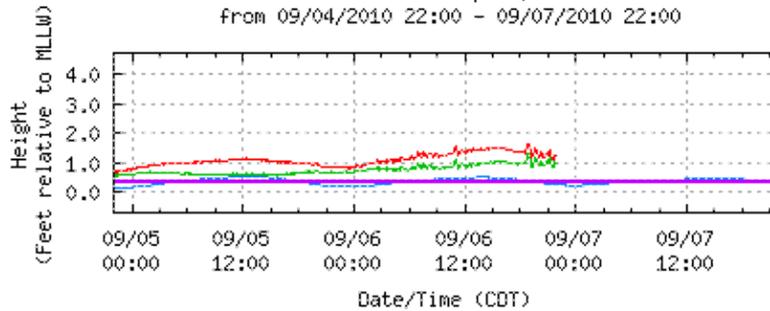
water temp. — green — air temp — blue —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Water Temperature: 85.6° F Air Temperature: 81.1° F

Rockport, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8774770 Rockport, TX
from 09/04/2010 22:00 - 09/07/2010 22:00



Predicted WL — blue — (Obs-Pred) — green —
Observed WL — red — MHHW — purple —

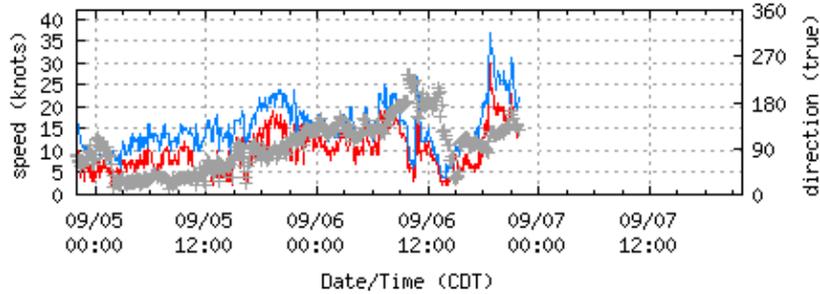
Last Observed Sample: 09/06/2010 21:48 (CDT)

Relative to **MLLW**: Observed: 1.24 ft. Predicted: 0.25 ft. Residual: 0.99 ft.

Historical Maximum Water Level: Aug 10 1980, 3.74 ft. above **MHHW**

Rockport, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Wind Speed/Gusts/Dir
8774770 Rockport, TX
from 09/04/2010 22:00 - 09/07/2010 22:00



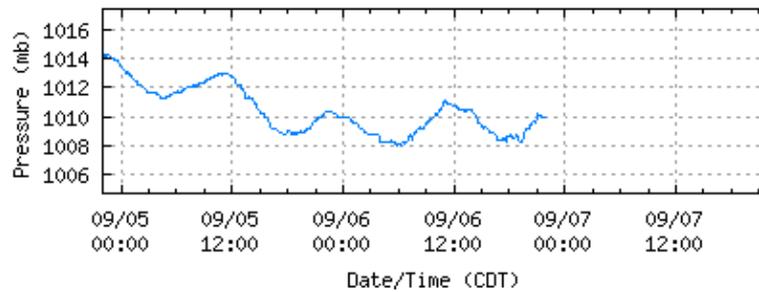
speed — gusts — direction +

Last Observed Sample: 09/06/2010 21:48 (CDT)

Wind Speed: 16 knots Gusts: 22 knots Direction: 126° T

Rockport, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8774770 Rockport, TX
from 09/04/2010 22:00 - 09/07/2010 22:00

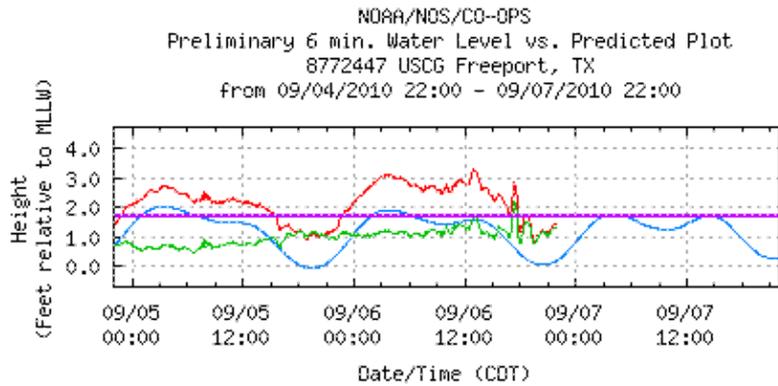


barometric pressure —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Barometric Pressure: 1010.0 mb

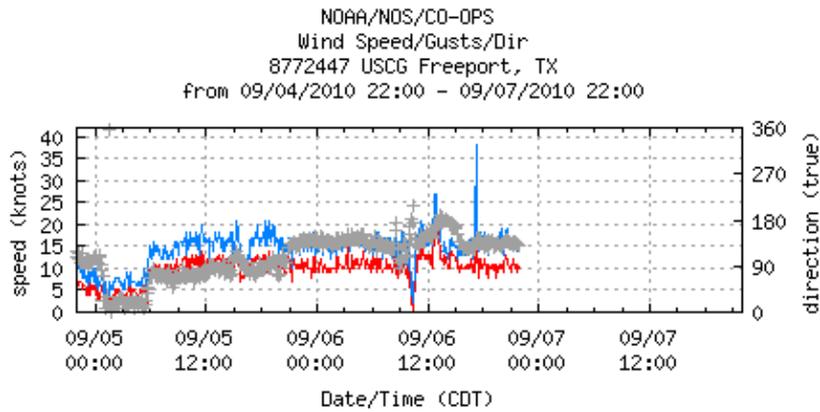
USCG Freeport, TX - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/06/2010 21:48 (CDT)
 Relative to **MLLW**: **Observed: 1.42 ft. Predicted: 0.15 ft. Residual: 1.27 ft.**
 Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above **MHHW**

USCG Freeport, TX - [Return to List](#)

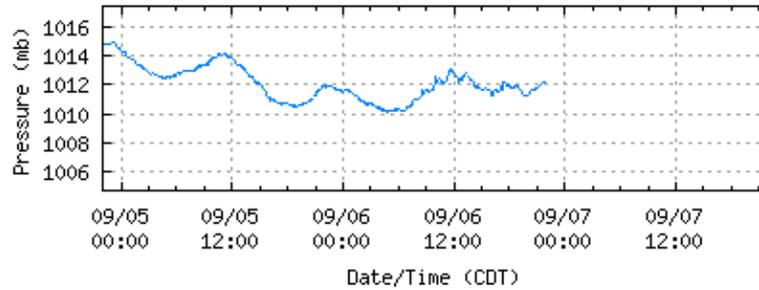


speed ——— gusts ——— direction +

Last Observed Sample: 09/06/2010 21:48 (CDT)
Wind Speed: 10 knots Gusts: 15 knots Direction: 130° T

USCG Freeport, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8772447 USCG Freeport, TX
from 09/04/2010 22:00 - 09/07/2010 22:00



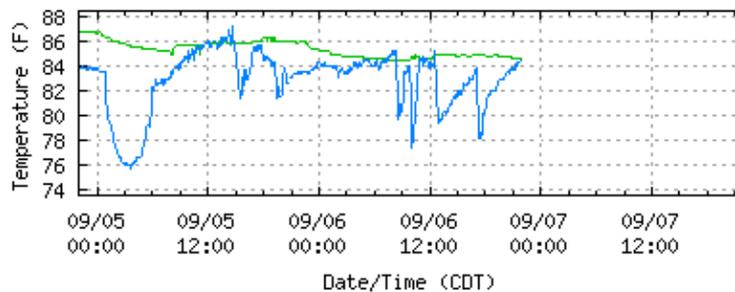
barometric pressure —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Barometric Pressure: 1012.1 mb

USCG Freeport, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Air/Water Temperature Plot
8772447 USCG Freeport, TX
from 09/04/2010 22:00 - 09/07/2010 22:00

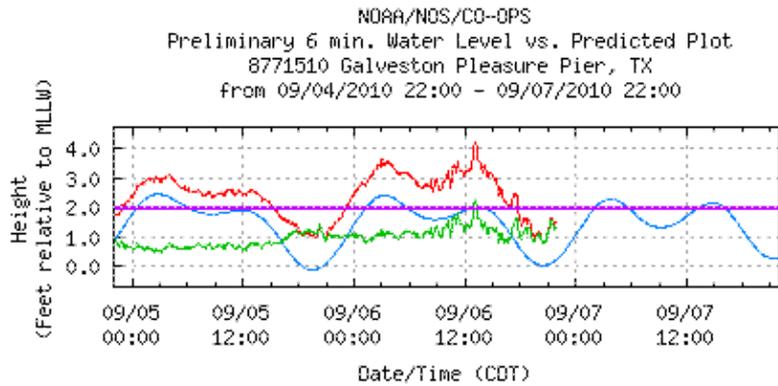


water temp. — air temp. —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Water Temperature: 84.6° F Air Temperature: 84.4° F

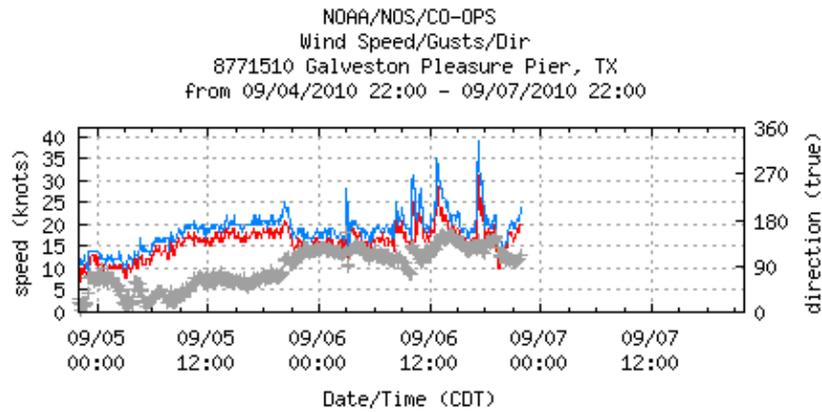
Galveston Pleasure Pier, TX - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/06/2010 21:48 (CDT)
 Relative to **MLLW**: **Observed: 1.51 ft. Predicted: 0.19 ft. Residual: 1.32 ft.**
 Historical Maximum Water Level: Sep 11 1961, 7.16 ft. above **MHHW**

Galveston Pleasure Pier, TX - [Return to List](#)

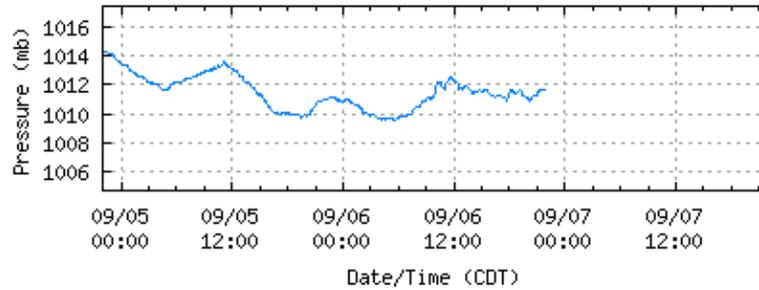


speed ——— gusts ——— direction +

Last Observed Sample: 09/06/2010 21:48 (CDT)
Wind Speed: 20 knots Gusts: 24 knots Direction: 111° T

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8771510 Galveston Pleasure Pier, TX
from 09/04/2010 22:00 - 09/07/2010 22:00



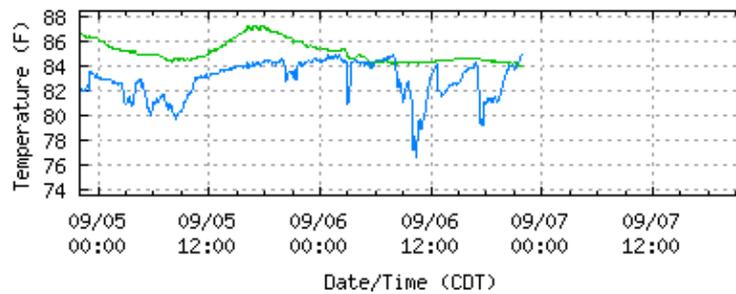
barometric pressure —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Barometric Pressure: 1011.6 mb

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8771510 Galveston Pleasure Pier, TX
from 09/04/2010 22:00 - 09/07/2010 22:00

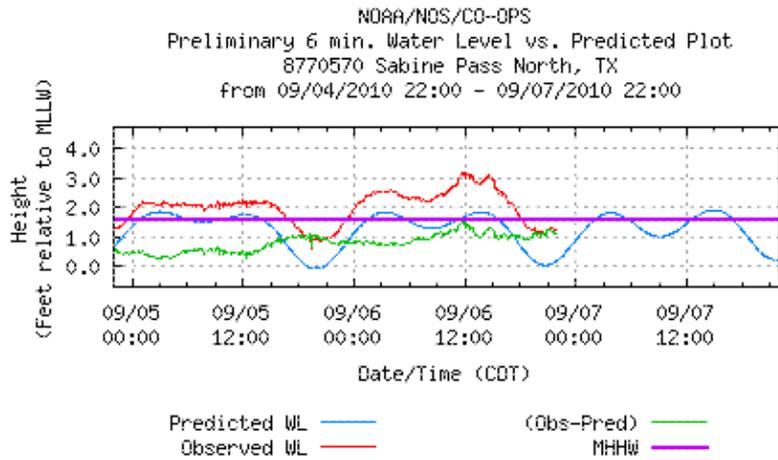


water temp. — air temp. —

Last Observed Sample: 09/06/2010 21:48 (CDT)

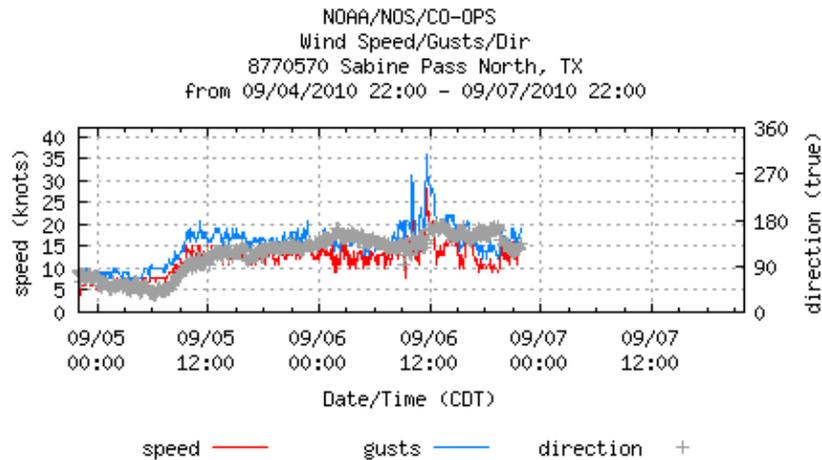
Water Temperature: 84.0° F Air Temperature: 84.9° F

Sabine Pass North, TX - [Return to List](#)



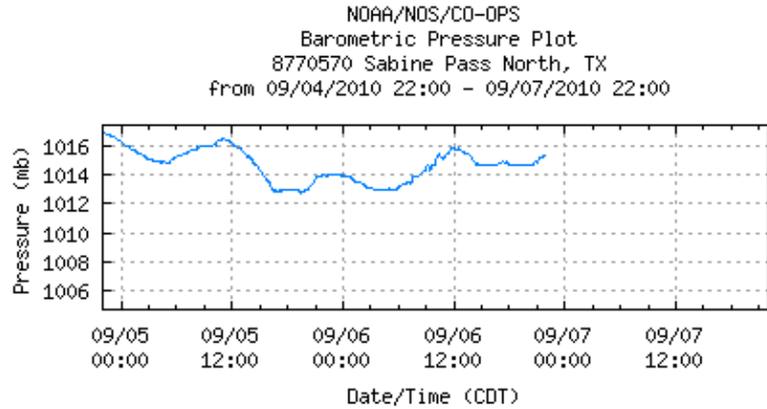
Last Observed Sample: 09/06/2010 21:48 (CDT)
 Relative to **MLLW**: **Observed: 1.20 ft. Predicted: 0.13 ft. Residual: 1.07 ft.**
 Historical Maximum Water Level: Sep 11 1998, 3.32 ft. above **MHHW**

Sabine Pass North, TX - [Return to List](#)



Last Observed Sample: 09/06/2010 21:48 (CDT)
Wind Speed: 15 knots Gusts: 19 knots Direction: 132° T

Sabine Pass North, TX - [Return to List](#)

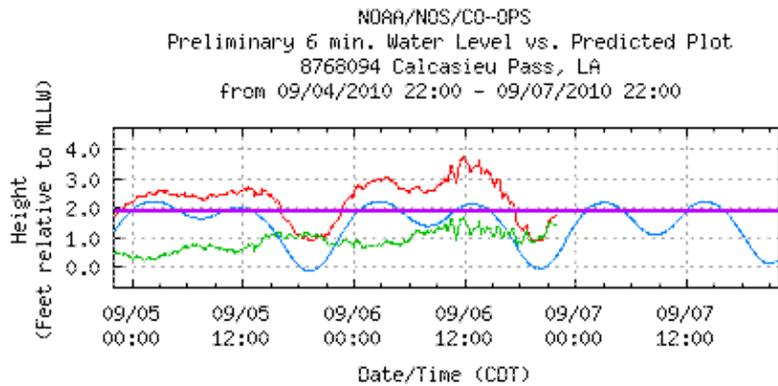


barometric pressure —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Barometric Pressure: 1015.3 mb

Calcasieu Pass, LA - [Return to List](#)



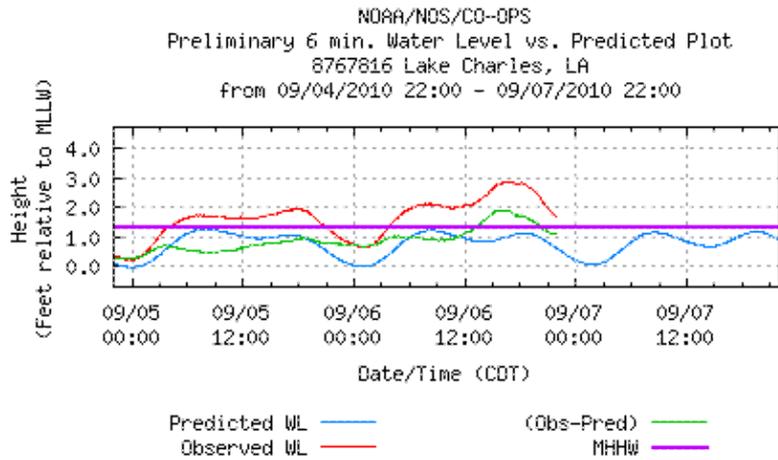
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 09/06/2010 21:48 (CDT)

Relative to **MLLW**: **Observed: 1.73 ft.** **Predicted: 0.31 ft.** **Residual: 1.42 ft.**

Historical Maximum Water Level: Sep 13 2008, 9.95 ft. above **MHHW**

Lake Charles, LA - [Return to List](#)

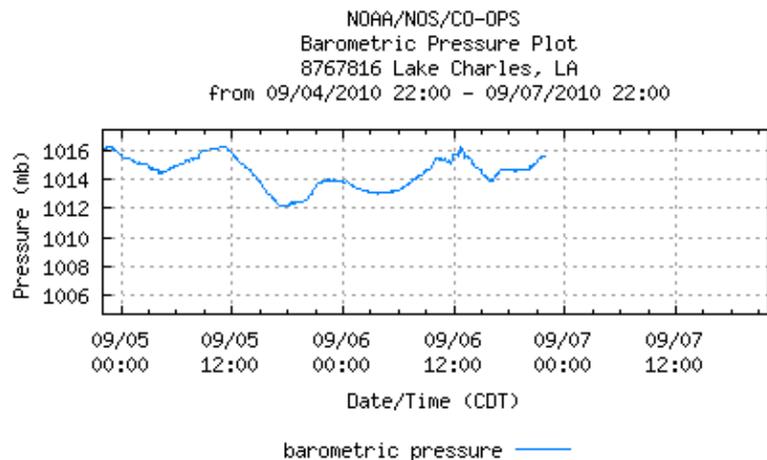


Last Observed Sample: 09/06/2010 21:48 (CDT)

Relative to **MLLW**: **Observed: 1.70 ft. Predicted: 0.63 ft. Residual: 1.07 ft.**

Historical Maximum Water Level: Oct 16 2006, 2.24 ft. above **MHHW**

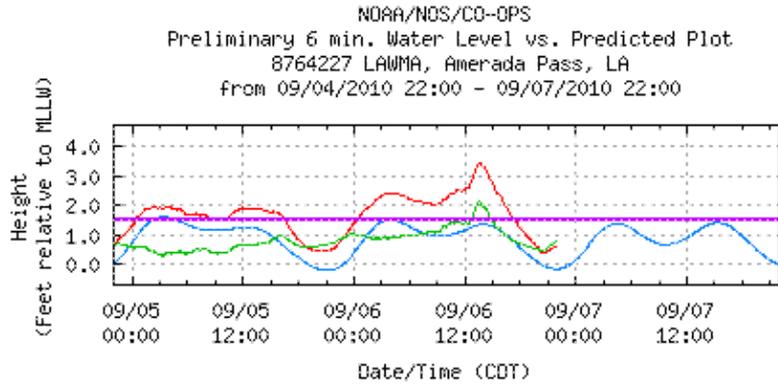
Lake Charles, LA - [Return to List](#)



Last Observed Sample: 09/06/2010 21:48 (CDT)

Barometric Pressure: 1015.6 mb

LAWMA, Amerada Pass, LA - [Return to List](#)



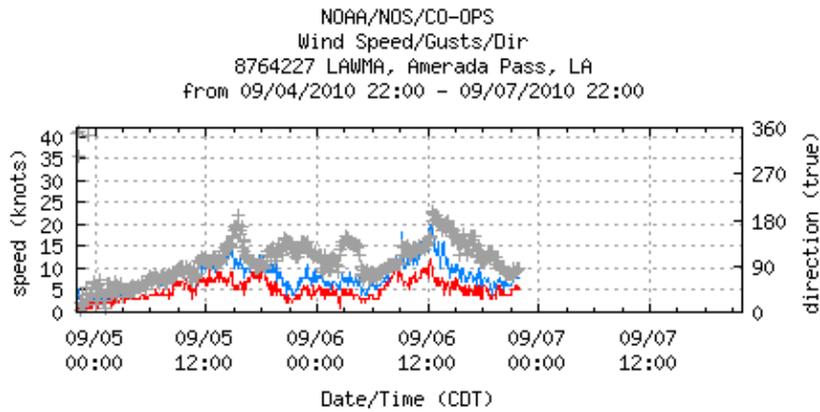
Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/06/2010 21:48 (CDT)

Relative to **MLLW**: **Observed: 0.59 ft. Predicted: -0.17 ft. Residual: 0.76 ft.**

Historical Maximum Water Level: Sep 12 2008, 6.01 ft. above **MHHW**

LAWMA, Amerada Pass, LA - [Return to List](#)



speed ——— gusts ——— direction +

Last Observed Sample: 09/06/2010 21:48 (CDT)

Wind Speed: 5 knots Gusts: 8 knots Direction: 086° T

Tropical Storm HERMINE QuickLook, POSTED 23:00 CDT 09/06/2010

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce